

### **SUMMARY OF MAJOR CHANGES**

- Completed and posted a trial-website for the Ecosystem Considerations contributions and underlying data on the NOAA intranet. This will be made available on the internet after the final draft is completed this fall (December 2005).
- Updated the following sections in April 2005:
  - Introduction
  - Ecosystem assessment
  - Trends in groundfish biomass and recruits per spawning biomass
  - Seabirds
  - Combined standardized indices of recruitment and survival rate
  - Average local species richness and diversity of the groundfish community
  - Total catch-per-unit-effort of all fish and invertebrate taxa in bottom trawl surveys
  - Time trends in bycatch of prohibited species
  - Time trends in groundfish discards
  - Trophic level of the catch
  - Total annual surplus production and overall exploitation rate of groundfish
  - Groundfish fleet composition.
- Added the following sections in April 2005:
  - Executive summary with bulletized list of current issues
  - Western Alaska juvenile salmon ecology along the eastern Bering Sea shelf
- Updated the following sections in September 2005:
  - Ecosystem assessment
  - Executive summary
  - North Pacific climate overview
  - Ocean surface currents -PAPA trajectory index
  - Winter mixed layer depths at GAK 1 in the northern GOA
  - Eddies in the GOA
  - Bering Sea temperature and ice cover
  - Pollock survival indices
  - Bering Sea Zooplankton
  - Gulf of Alaska spring ichthyoplankton interannual trends study
  - Relationships between flatfish spatial distributions and the cold pool from 1982-2003
  - Gulf of Alaska small mesh trawl survey trends
  - Marine mammals
  - Status of groundfish, crab, salmon and scallop stocks
  - Total annual surplus production and overall exploitation rate of groundfish
  - Time trends in bycatch of prohibited species
  - Fishing overcapacity programs
- Added the following sections in September 2005:
  - Variations in water mass properties during fall 2000-2004 in the eastern Bering Sea- BASIS
  - Variations in phytoplankton and nutrients during fall 2000-2004 in the eastern Bering Sea- BASIS
  - Variations in juvenile sockeye and age -0 pollock distribution during fall 2000-2004 in the eastern Bering Sea- BASIS

- Deleted the following section in September 2005:
  - Empirical evidence for North Pacific regime shifts from 1965-2003
- Updated the following section in November 2005:
  - Added month and year of last update under the title of each contribution
  - GOA survey bottom temperature analysis
  - Summer bottom and surface temperatures – Eastern Bering Sea
  - HAPC biota – Gulf of Alaska
  - HAPC biota– Bering Sea
  - Essential Fish Habitat
  - Effects of Fishing Gear on Seafloor Habitat (table of research and list of publications)
  - Nutrients and Productivity Processes in the southeastern Bering Sea
  - Forage – Gulf of Alaska
  - Forage – Eastern Bering Sea
  - Prince William Sound Herring
  - Update on EBS winter spawning flatfish recruitment and wind forcing
  - ADF&G Gulf of Alaska Trawl Survey
  - Bering Sea crabs
  - Stock-recruitment relationships for Bristol Bay red king crabs
  - Miscellaneous species – Gulf of Alaska
  - Bering Sea jellyfish
  - Miscellaneous species – Bering Sea
  - Grenadiers in Alaska
  - Seabirds (bycatch tables)
  - Alaska Native Traditional Environmental Knowledge of Climate Regimes
  - Time trends in bycatch of prohibited species
  - Time trends in groundfish discards
  - Areas closed to bottom trawling in the EBS/AI, and GOA
  - Hook and line (longline) fishing effort in the GOA, BS, and AI
  - Groundfish bottom trawl fishing effort in the GOA, BS, and AI
  - Groundfish pelagic trawl fishing effort in the EBS
  - Groundfish fleet composition